

PRODUCT Nº: 1.668

TECMA IMPERAL H₂O

EMERGENCY WATERPROOFING PRODUCT AND FOR ALL USE BASED ON POLYETHERS

DESCRIPTION:

Product based on a state-of-the-art polyethers, which forms an elastic and waterproof membrane with high performance. The product has been designed to solve localized waterproofing emergencies, as well as the complete waterproofing of roofs, terraces, roofs, balconies, etc. It is resistant to standing water.

Its excellent elastic properties, even at low temperatures, good adhesion to most surfaces, even wet, the impermeable characteristics of the formed film, as well as its excellent behavior against solar radiation, make it an ideal product for the maintenance and waterproofing of roofs, terraces, roofs, gutters, balconies, etc.

TECHNICAL CHARACTERISTICS:

Nature	: Polyether
Density	: 1,3± 0,03 gr/c.c.
Elongation at break at 23°C UNE EN ISO 527-3	: 250%
Tensile strength at 23°C UNE EN ISO 527-3	: 1,4 MPa(N/mm ²)
Resistance to alkalis, 60 days of	
Tightness UNE 1928. Method B	: Watertight
Recommended consumption	: 1,4 kg/m ² , in two layers.
Application	: Roller, brush.
Drying times at 23°C, 55% R.H.	: 6 hours a layer of 1 mm thickness. Minimum repainting 8 hours.
Application temperature	: 5° to 40°C
Temperature resistance	: - 40° to 90°C
Chemical resistance	: Resists aliphatic hydrocarbons diluted solutions of inorganic acids and alkalis, oils and fats.
Colors	: White, terracotta red, grey and black .

PROPERTIES:

- Permanent elasticity
- No surface stickiness when curing
- Wet adhesion
- Very good adhesion, without need of primer, on concrete and mortar, brick, steel, tile, glass, galvanized steel, aluminum.
- Adhesion even applied under water on non-porous surfaces
- Fill cracks thanks to the pasty consistency of the product.

SCOPE:

TECMA IMPERAL H₂O, is recommended in the repair and waterproofing of cracks in roofs and walls, areas of penetration of dampness in roofs and gutters, complete waterproofing of roof decks, roofs and terraces.

SURFACE PREPARATION:

The surfaces must be firm and clean of grease, oil, sand, dust, loose material or any other contaminant. The surface may be wet but must be perfectly clean.

In the rehabilitation of old waterproofing products, the surface will be washed to remove any remaining dirt, after which the total surface drying will be allowed.

HOW TO USE:

Once the surface is prepared, apply two layers of the product in a homogeneous way with a minimum consumption of 0.7 kg / m² per layer. The second layer should not be applied until the first layer is cured, at least 6 hours at 23°C.

To make a waterproofing with pedestrian traffic, apply a first layer of 0.9 kg / m², placing a mesh or veil of reinforcement and then apply another layer like the first.

SPECIAL RECOMMENDATIONS:

- It is very important to apply the product yield indicated for a good performance of the waterproofing.
- The containers must be hermetically sealed so that the product does not start to harden at the top.
- Do not apply with traces of dirt, grease or oil.
- For cleaning the product without hardening, use **TECMASOL D**. If the product has hardened, cleaning must be done mechanically.

PRESENTATION AND STORAGE:

The product is presented in 1 and 5 kg containers. Store in a dry place at temperatures between 5 and 35°C, with unopened containers, hermetically sealed. The product stored in this way can be stored for at least 18 months.

The information contained on this sheet, as well as our recommendations, both verbal and written or by tests conducted in our laboratories or in external laboratories, are given in good faith based on our experience and results of the tests, without that serve as a guarantee. Our recommendations do not relieve the obligation to know in depth the application of product to use prior to their use and take pre-tests if there is doubt about the suitability of these for any site of application. The application, use and handling of our products are beyond our control and therefore the responsibility of that comes to putting in work. It will therefore be responsible for the person who makes use of the product without the observance of the instructions listed here .

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